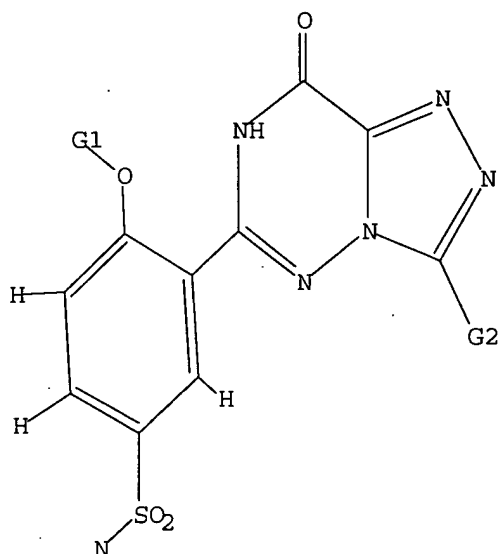


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G1 H,Cb,Ak

G2 Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:06:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 53 TO ITERATE

100.0% PROCESSED 53 ITERATIONS
SEARCH TIME: 00.00.03

5 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 624 TO 1496
PROJECTED ANSWERS: 5 TO 234

L2 5 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 13:06:27 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1211 TO ITERATE

100.0% PROCESSED 1211 ITERATIONS
SEARCH TIME: 00.00.01

65 ANSWERS

L3 65 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

161.33

161.54

FILE 'CAPLUS' ENTERED AT 13:06:31 ON 18 NOV 2005

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<11/18/2005>

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=> s l3

L4 3 L3

=> d ibib abs hitstr tot

(own work)

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:708482 CAPLUS

DOCUMENT NUMBER: 143:338941

TITLE: Comparison of different heterocyclic scaffolds as substrate analog PDE5 inhibitors

AUTHOR(S): Haning, Helmut; Niewoehner, Ulrich; Schenke, Thomas; Lampe, Thomas; Hillisch, Alexander; Bischoff, Erwin

CORPORATE SOURCE: Business Group Pharma, BAYER HealthCare AG, Wuppertal, D-42096, Germany

SOURCE: Bioorganic & Medicinal Chemistry Letters (2005), 15(17), 3900-3907

CODEN: BMCLEB; ISSN: 0960-894X

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Several different heterocyclic systems were compared as PDE5 inhibitor scaffolds. In addition to the known 3H-imidazo[5,1-f][1,2,4]triazin-4-ones and pyrazolopyrimidinones, isomeric imidazo[1,5-a][1,3,5]triazin-4(3H)-ones were also shown to be potent and selective PDE inhibitor scaffolds with in vivo activity. SAR trends were elucidated for sulfonamide derivs. with generality across different scaffolds.

IT 346451-47-6P

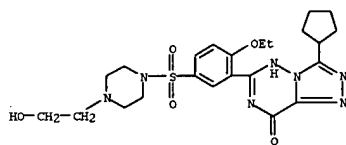
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(comparison of different heterocyclic scaffolds as substrate analog

PDE5 inhibitors)

RN 346451-47-6 CAPLUS

CN 1-piperazineethanol, 4-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:489402 CAPLUS

DOCUMENT NUMBER: 135:92658

TITLE: Preparation of 6-(2-alkoxy-5-sulfonylphenyl)-[1,2,4]triazolo[3,4-f][1,2,4]triazin-8-(7H)-ones as inhibitors of cGMP metabolizing phosphodiesterases

INVENTOR(S): Niewoehner, Ulrich; Haning, Helmut; Lampe, Thomas; Es-Sayed, Mazen; Schmidt, Gunter; Bischoff, Erwin; Dembowski, Klaus; Perzborn, Elisabeth; Schlemmer, Karl-Heinz

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: PCT Int. Appl., 85 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

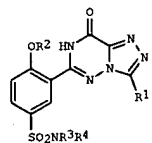
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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EP 1261609	A1	20021204	EP 2000-993612	20001212
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JP 2003519151	T2	20030617	JP 2001-549399	20001212
US 2003212064	A1	20031113	US 2002-149921	20021021
US 6683044	B2	20040127		
US 2005096320	A1	20050505	US 2003-728180	20031204
PRIORITY APPL. INFO.:				
OTHER SOURCE(S): MARPAT 135:92658				
GI				

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

(Continued)



AB Title compds. [I: R1 = alkyl, cycloalkyl; R2 = H, alkyl; R3, R4 = H, alkyl, (substituted) alkyl and salts thereof were prepared as inhibitors of cGMP metabolizing phosphodiesterases (no data). Thus, 3-(3-cyclopentyl-8-oxo-7,8-dihydro[1,2,4]triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxybenzenesulfonyl chloride (preparation given) in CH2Cl2 was treated

with N-hydroxyethylpiperazine and DMAP followed by stirring for 7 h at room temperature to give 72.5% 3-cyclopentyl-6-[2-ethoxy-5-[4-(2-hydroxyethyl)piperazinyl]sulfonylphenyl]-[1,2,4]triazolo[3,4-f][1,2,4]triazin-8-(7H)-one.

IT 346451-47-6P 346451-49-8P 346451-51-2P

346451-53-4P 346451-57-8P 346451-59-0P

346451-61-4P 346451-63-6P 346451-65-8P

346451-67-0P 346451-69-2P 346451-71-6P

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346452-68-4P 346452-70-8P 346452-72-0P

346452-74-2P 346452-76-4P 346452-78-6P

348113-28-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

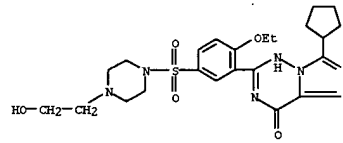
(Preparation of alkoxyphenylphenyltriazolotriazinones as inhibitors of cGMP metabolizing phosphodiesterases)

RN 346451-47-6 CAPLUS

CN 1-piperazineethanol, 4-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

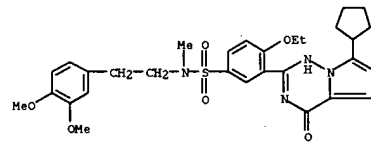
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

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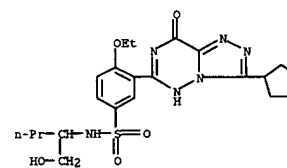
RN 346451-49-8 CAPLUS

CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-[2-(3,4-dimethoxyphenyl)ethyl]-4-ethoxy-N-methyl- (9CI) (CA INDEX NAME)



RN 346451-51-2 CAPLUS

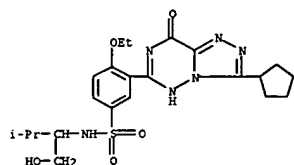
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(hydroxymethyl)butyl]- (9CI) (CA INDEX NAME)



RN 346451-53-4 CAPLUS

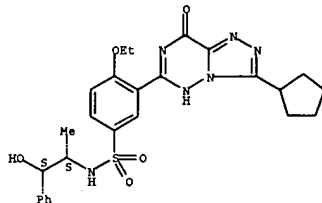
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(hydroxymethyl)-2-methylpropyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-57-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2R)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)

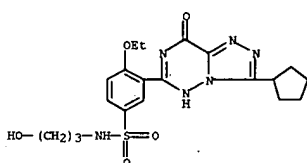
Relative stereochemistry.



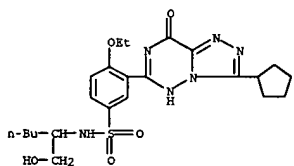
RN 346451-59-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2R)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

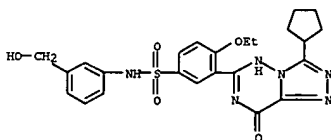
RN 346451-65-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2R)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)



RN 346451-67-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2R)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)



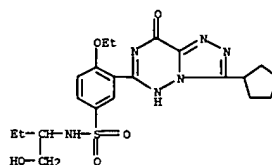
RN 346451-69-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2R)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)



RN 346451-71-6 CAPLUS

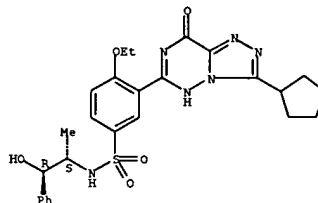
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L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

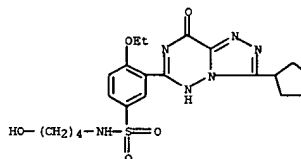


RN 346451-61-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2S)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)

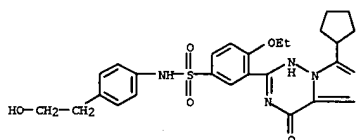
Relative stereochemistry.



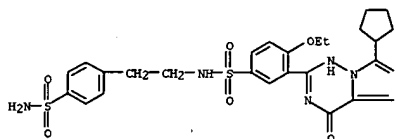
RN 346451-63-6 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2S)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)



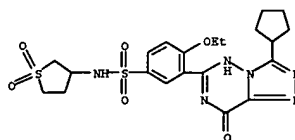
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2S)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)



RN 346451-73-8 CAPLUS
 CN Benzenesulfonamide, N-[2-[4-(aminosulfonyl)phenyl]ethyl]-3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy- (9CI) (CA INDEX NAME)



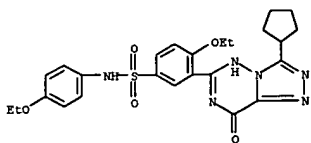
RN 346451-75-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(tetrahydro-1,1-dioxido-3-thienyl)- (9CI) (CA INDEX NAME)



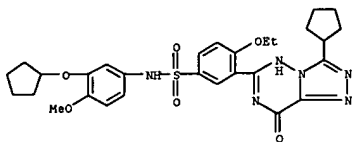
RN 346451-77-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-ethoxyphenyl)- (9CI) (CA INDEX NAME)

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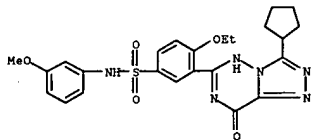
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-79-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-(cyclopentyl-4-methoxyphenyl)-4-ethoxy- (9CI) (CA INDEX NAME)

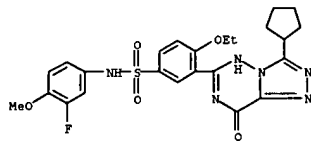


RN 346451-81-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)

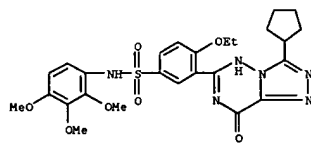


RN 346451-83-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3,4-dimethoxyphenyl)- (9CI) (CA INDEX NAME)

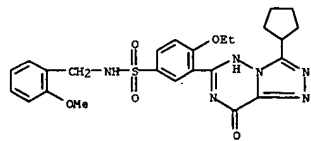
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-91-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2,3,4-trimethoxyphenyl)- (9CI) (CA INDEX NAME)

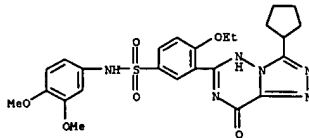


RN 346451-93-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-[(2-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

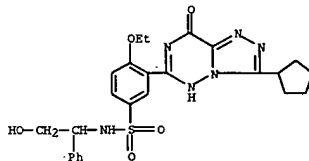


RN 346451-95-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

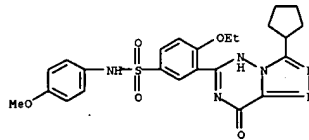
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-85-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-hydroxy-1-phenylethyl)- (9CI) (CA INDEX NAME)

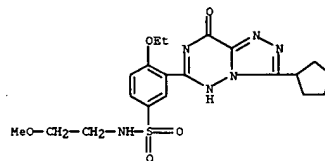


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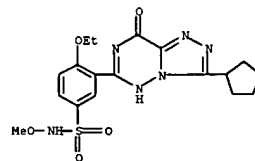


RN 346451-89-6 CAPLUS
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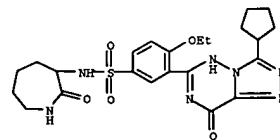
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-97-6 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-methoxy- (9CI) (CA INDEX NAME)

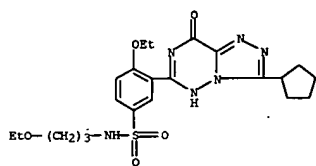


RN 346451-99-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(hexahydro-2-oxo-1H-azepin-3-yl)- (9CI) (CA INDEX NAME)

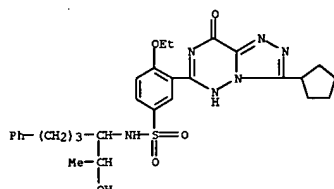


RN 346452-01-5 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-ethoxypropyl)- (9CI) (CA INDEX NAME)

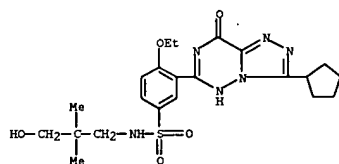
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-03-7 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(1-hydroxyethyl)-4-phenylbutyl]- (9CI) (CA INDEX NAME)



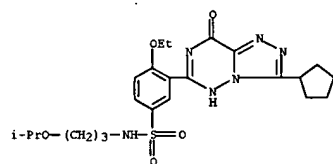
RN 346452-05-9 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-hydroxy-2,2-dimethylpropyl)- (9CI) (CA INDEX NAME)



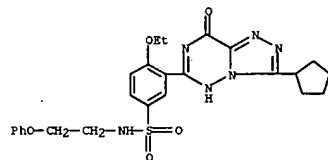
RN 346452-07-1 CAPLUS

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

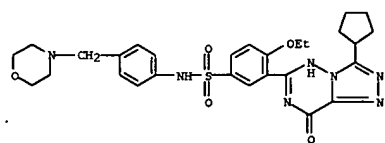
RN 346452-14-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[3-(1-methylethoxy)propyl]- (9CI) (CA INDEX NAME)



RN 346452-16-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-phenoxyethyl)- (9CI) (CA INDEX NAME)



RN 346452-18-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[4-(4-morpholinylmethyl)phenyl]- (9CI) (CA INDEX NAME)

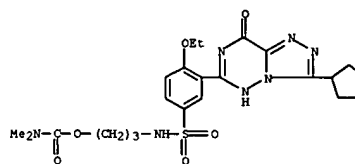


RN 346452-20-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

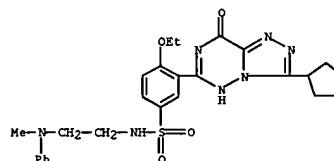
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L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

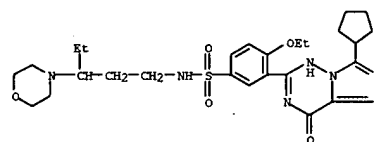
CN Carbanic acid, dimethyl-, 3-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]amino]propyl ester (9CI) (CA INDEX NAME)



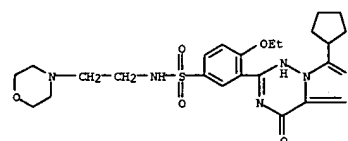
RN 346452-09-3 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[2-(methylphenylamino)ethyl]- (9CI) (CA INDEX NAME)



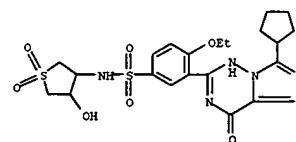
RN 346452-11-7 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[3-(4-morpholinyl)pentyl]- (9CI) (CA INDEX NAME)



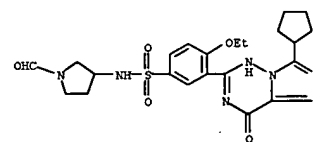
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-22-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(tetrahydro-4-hydroxy-1,1-dioxido-3-thienyl)- (9CI) (CA INDEX NAME)



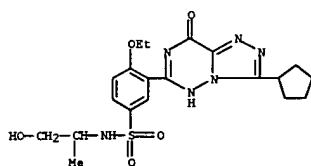
RN 346452-24-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(1-formyl-3-pyrrolidinyl)- (9CI) (CA INDEX NAME)



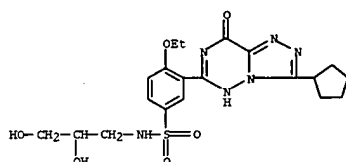
RN 346452-26-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxy-1-methylethyl)- (9CI) (CA INDEX NAME)

Habte

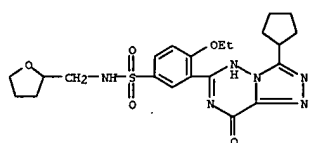
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-28-6 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2,3-dihydroxypropyl)-4-ethoxy- (9CI) (CA INDEX NAME)



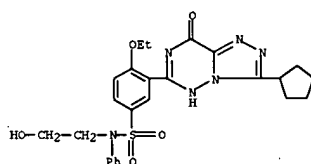
RN 346452-30-0 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-((tetrahydro-2-furanyl)methyl)- (9CI) (CA INDEX NAME)



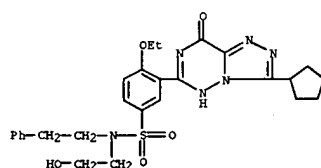
RN 346452-32-2 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-bis(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

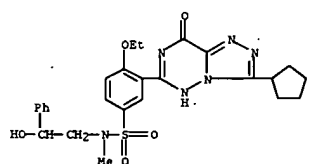
RN 346452-39-9 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)-N-phenyl- (9CI) (CA INDEX NAME)



RN 346452-41-3 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)-N-(2-phenylethyl)- (9CI) (CA INDEX NAME)



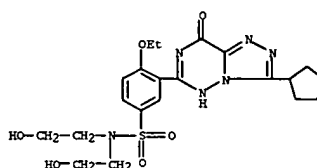
RN 346452-43-5 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxy-2-phenylethyl)-N-methyl- (9CI) (CA INDEX NAME)



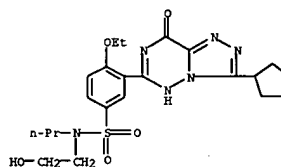
RN 346452-45-7 CAPLUS

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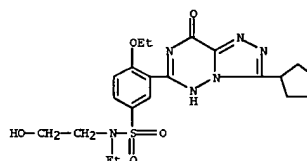
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-34-4 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)-N-propyl- (9CI) (CA INDEX NAME)

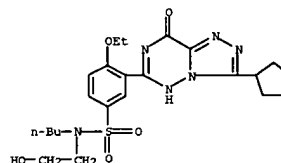


RN 346452-37-7 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-ethyl-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

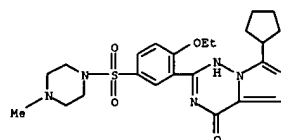


L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

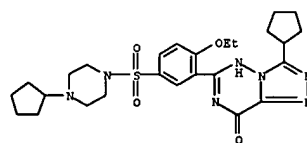
RN 346452-47-9 CAPLUS
CN Piperazine, 1-[[3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl)sulfonyl]-2-methyl- (9CI) (CA INDEX NAME)



RN 346452-49-1 CAPLUS
CN Piperazine, 1-[[3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl)sulfonyl]-2-methyl- (9CI) (CA INDEX NAME)



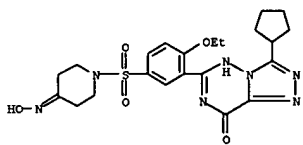
RN 346452-51-5 CAPLUS
CN 4-Piperidinone, 1-[[3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl)sulfonyl]-4-oxime (9CI) (CA INDEX NAME)



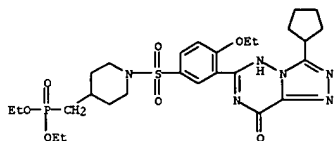
RN 346452-51-5 CAPLUS
CN 4-Piperidinone, 1-[[3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl)sulfonyl]-4-oxime (9CI) (CA INDEX NAME)

Hahte

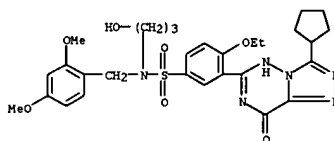
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-53-7 CAPLUS
CN Phosphonic acid, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-piperidinylmethyl]-, diethyl ester (9CI) (CA INDEX NAME)

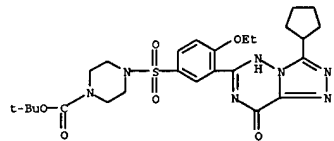


RN 346452-56-0 CAPLUS
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-[(2,4-dimethoxyphenyl)methyl]-4-ethoxy-N-(3-hydroxypropyl)- (9CI) (CA INDEX NAME)

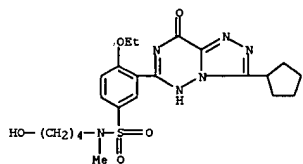


RN 346452-58-2 CAPLUS
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N,N-diethyl- (9CI) (CA INDEX NAME)

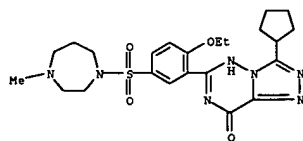
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-68-4 CAPLUS
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-hydroxybutyl)-N-methyl- (9CI) (CA INDEX NAME)

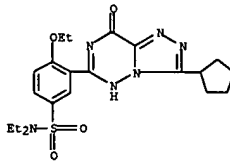


RN 346452-70-8 CAPLUS
CN 1H-1,4-Diazepine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]hexahydro-4-methyl- (9CI) (CA INDEX NAME)

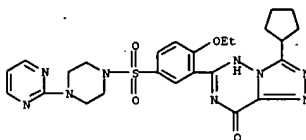


RN 346452-72-0 CAPLUS
CN Morpholine, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

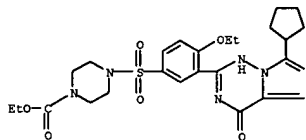
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-60-6 CAPLUS
CN Piperazine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

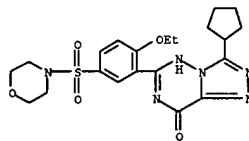


RN 346452-62-8 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

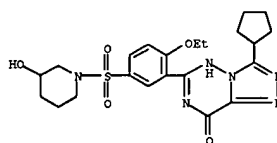


RN 346452-65-1 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

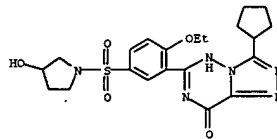
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-74-2 CAPLUS
CN 3-Piperidinol, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

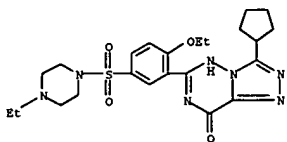


RN 346452-76-4 CAPLUS
CN 3-Pyrrolidinol, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

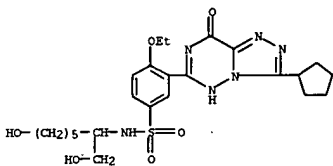


RN 346452-78-6 CAPLUS
CN Piperazine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-ethyl- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 348113-28-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[6-(hydroxymethyl)hexyl]- (9CI) (CA INDEX NAME)



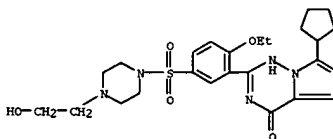
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

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RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(Preparation of triazolo[3,4-f]triazines as cGMP-PDE inhibitors)
 RN 346451-47-6 CAPLUS
 CN 1-Piperazineethanol, 4-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 346451-49-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-[2-(3,4-dimethoxyphenyl)ethyl]-4-ethoxy-N-methyl- (9CI) (CA INDEX NAME)

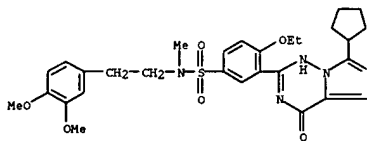
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:479150 CAPLUS
 DOCUMENT NUMBER: 135:76904
 TITLE: Preparation of triazolo[3,4-f]triazines as cGMP PDE inhibitors
 INVENTOR(S): Niewoehner, Ulrich; Haning, Helmut; Lampe, Thomas; Es-Sayed, Mazen; Schmidt, Gunter; Bischoff, Erwin; Dembowski, Klaus; Perzborn, Elisabeth; Schlemmer, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer A.-G., Germany
 SOURCE: Ger. Offen., 44 pp.
 CODEN: GWXEXX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

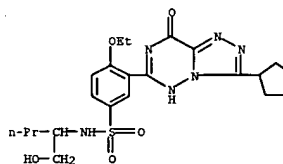
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DE 19962927	A1	20010628	DE 1999-19962927	19991224
CA 2395410	AA	20010705	CA 2000-2395410	20001212
WO 2001047929	A1	20010705	WO 2000-EP12592	20001212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TH, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TH				
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EP 1261609	A1	20021204	EP 2000-993612	20001212
EP 1261609	B1	20041103		
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JP 2003519151	T2	20030617	JP 2001-549399	20001212
ES 2231311	T3	20050516	ES 2000-993612	20001212
US 2003212064	A1	20031113	US 2002-149921	20021021
US 6683081	B2	20040127		
US 2005096320	A1	20050505	US 2003-728180	20031204
PRIORITY APPLN. INFO.: DE 1999-19962927 A 19991224				
DE 2000-10003296 A 20000127				
WO 2000-EP12592 W 20001212				
US 2002-149921 A3 20021021				

OTHER SOURCE(S): MARPAT 135:76904
 AB R12122502NR3R4 (I; R1 = (cyclo)alkyl; R3, R4 = H, (un)substituted alkyl, alkoxy; R3 = H or alkyl and R4 = e.g., 1,1-dioxo(4-hydroxy)tetrahydrothien-3-yl; NR3R4 = heterocyclyl; Z1 = 7H-8-oxo[1,2,4]triazolo[3,4-f][1,2,4]triazine-3,6-diyl at each occurrence; Z2 = 6-hydroxy- or 6-alkoxy-1,3-phenylene] were prepared as cGMP-PDE inhibitors (no data). Thus, 3-cyclopentyl-4H-1,2,4-triazol-4-amine (preparation given) was condensed with 2-(EtO)C6H4CN and the N-ethoxycarbonylated product cyclized to give, after chlorosulfonation, R12122502R (R1 = cyclopentyl, Z2 = 6-ethoxy-1,3-phenylene) (II; R = Cl) which was amidated by 1-(2-hydroxyethyl)piperazine to give II (R = 4-(2-hydroxyethyl)-1-

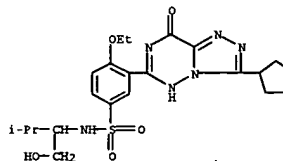
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-51-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(hydroxymethyl)butyl]- (9CI) (CA INDEX NAME)

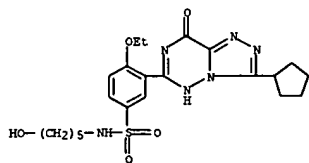


RN 346451-53-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(hydroxymethyl)-2-methylpropyl]- (9CI) (CA INDEX NAME)



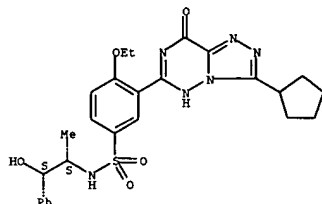
RN 346451-55-6 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(5-hydroxypentyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

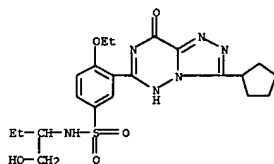


RN 346451-57-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2R)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)

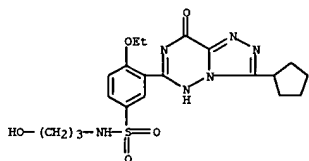
Relative stereochemistry.



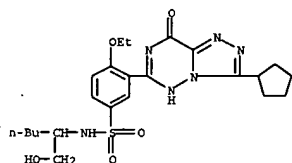
RN 346451-59-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(hydroxymethyl)propyl]- (9CI) (CA INDEX NAME)



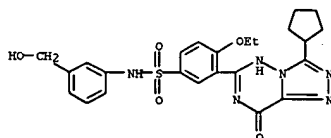
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-67-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(hydroxymethyl)pentyl]- (9CI) (CA INDEX NAME)



RN 346451-69-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[3-(hydroxymethyl)phenyl]- (9CI) (CA INDEX NAME)

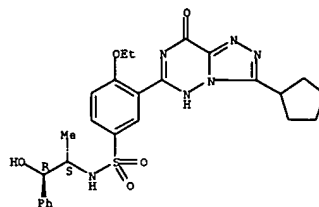


RN 346451-71-6 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[4-(2-hydroxyethyl)phenyl]- (9CI) (CA INDEX NAME)

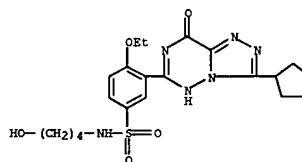
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

RN 346451-61-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2S)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

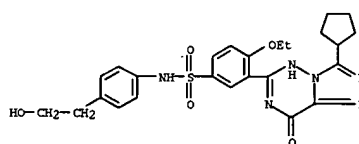


RN 346451-63-6 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-hydroxybutyl)- (9CI) (CA INDEX NAME)

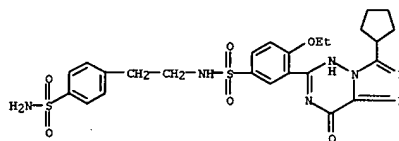


RN 346451-65-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-hydroxypropyl)- (9CI) (CA INDEX NAME)

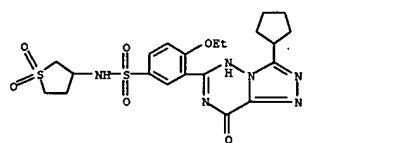
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-73-8 CAPLUS
 CN Benzenesulfonamide, N-[2-[4-(aminosulfonyl)phenyl]ethyl]-3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy- (9CI) (CA INDEX NAME)

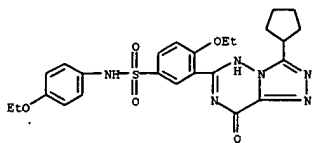


RN 346451-75-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(tetrahydro-1,1-dioxido-3-thienyl)- (9CI) (CA INDEX NAME)

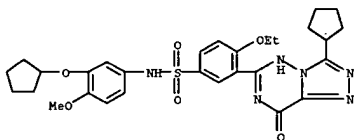


RN 346451-77-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-ethoxyphenyl)- (9CI) (CA INDEX NAME)

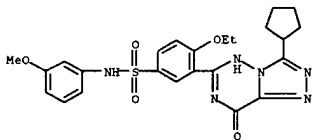
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-79-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-(cyclopentyl-4-methoxyphenyl)-4-ethoxy- (9CI) (CA INDEX NAME)

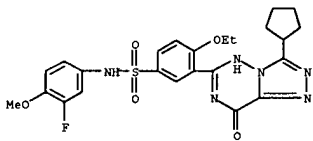


RN 346451-81-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)

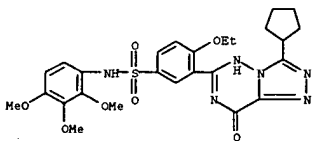


RN 346451-83-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3,4-dimethoxyphenyl)- (9CI) (CA INDEX NAME)

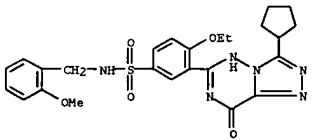
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-91-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2,3,4-trimethoxyphenyl)- (9CI) (CA INDEX NAME)

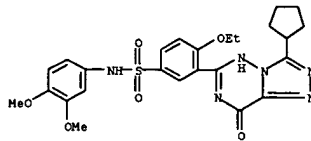


RN 346451-93-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-[(2-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

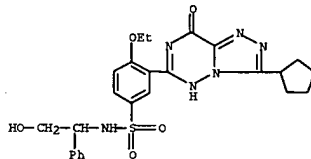


RN 346451-95-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

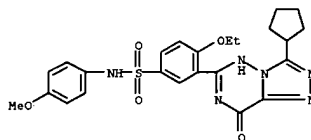
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-85-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-hydroxy-1-phenylethyl)- (9CI) (CA INDEX NAME)

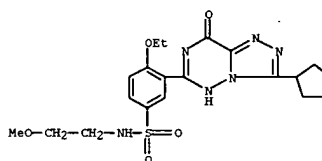


RN 346451-87-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

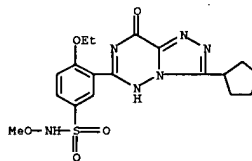


RN 346451-89-6 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-fluoro-4-methoxyphenyl)- (9CI) (CA INDEX NAME)

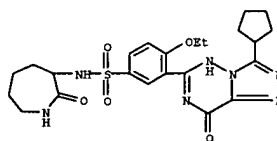
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-97-6 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-methoxy- (9CI) (CA INDEX NAME)

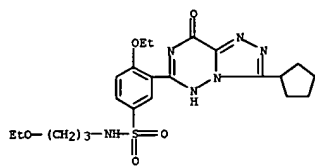


RN 346451-99-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(hexahydro-2-oxo-1H-azepin-3-yl)- (9CI) (CA INDEX NAME)

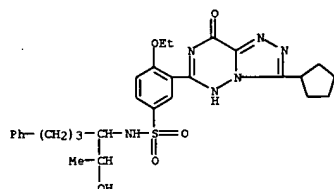


RN 346452-01-5 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-ethoxypropyl)- (9CI) (CA INDEX NAME)

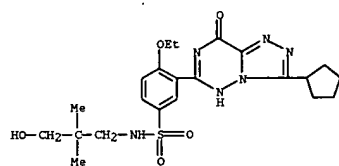
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-03-7 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(1-hydroxyethyl)-4-phenylbutyl- (9CI) (CA INDEX NAME)



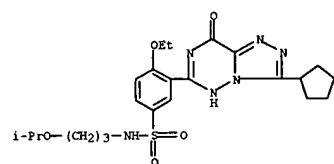
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 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-hydroxy-2,2-dimethylpropyl)- (9CI) (CA INDEX NAME)



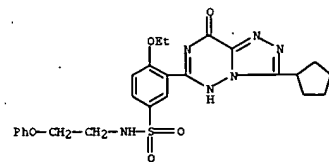
RN 346452-07-1 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

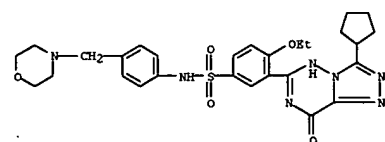
RN 346452-14-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-(1-methylethoxy)propyl)- (9CI) (CA INDEX NAME)



RN 346452-16-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-phenoxyethyl)- (9CI) (CA INDEX NAME)



RN 346452-18-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-(4-morpholinylmethyl)phenyl)- (9CI) (CA INDEX NAME)

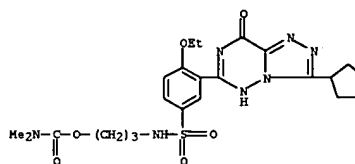


RN 346452-20-8 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-(4-morpholinyl)ethyl)- (9CI) (CA INDEX NAME)

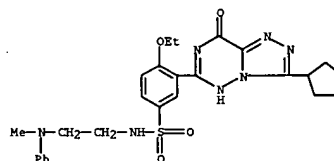
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L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

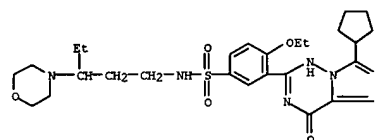
CN Carbanic acid, dimethyl-, 3-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]amino]propyl ester (9CI) (CA INDEX NAME)



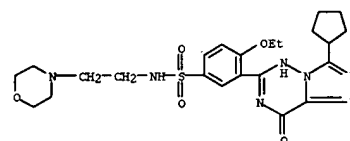
RN 346452-09-3 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[2-(methylphenylamino)ethyl]- (9CI) (CA INDEX NAME)



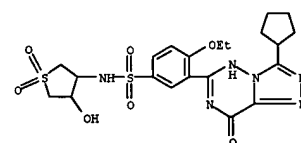
RN 346452-11-7 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[3-(4-morpholinyl)pentyl]- (9CI) (CA INDEX NAME)



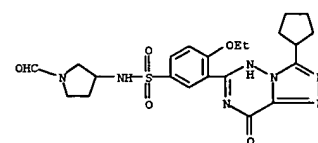
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-22-0 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(tetrahydro-4-hydroxy-1,1-dioxido-3-thienyl)- (9CI) (CA INDEX NAME)



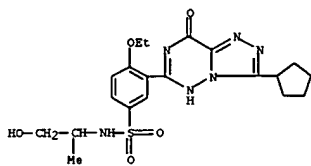
RN 346452-24-2 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(1-formyl-3-pyrrolidinyl)- (9CI) (CA INDEX NAME)



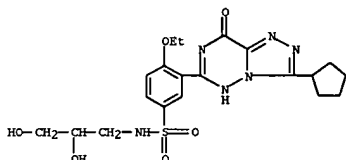
RN 346452-26-4 CAPLUS
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxy-1-methylethyl)- (9CI) (CA INDEX NAME)

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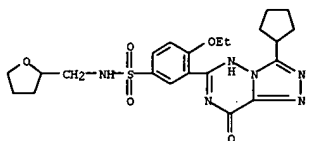
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-28-6 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2,3-dihydroxypropyl)-4-ethoxy- (9CI) (CA INDEX NAME)



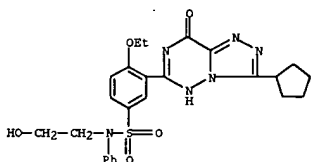
RN 346452-30-0 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-((tetrahydro-2-furanyl)methyl)- (9CI) (CA INDEX NAME)



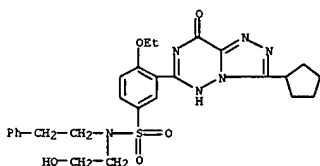
RN 346452-32-2 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N,N-bis(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

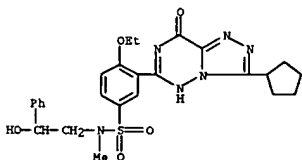
RN 346452-39-9 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)-N-phenyl- (9CI) (CA INDEX NAME)



RN 346452-41-3 CAPLUS
CN Benzenesulfonamide, 1-((3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)-N-(2-phenylethyl)- (9CI) (CA INDEX NAME)



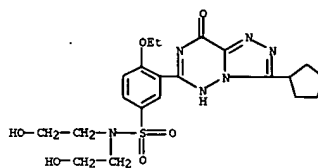
RN 346452-43-5 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxy-2-phenylethyl)-N-methyl- (9CI) (CA INDEX NAME)



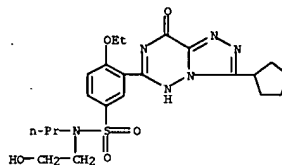
RN 346452-45-7 CAPLUS

<11/18/2005>

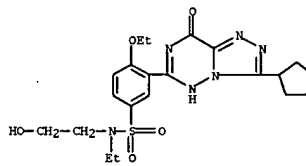
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-34-4 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)-N-propyl- (9CI) (CA INDEX NAME)

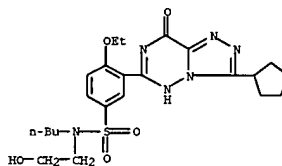


RN 346452-37-7 CAPLUS
CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-ethyl-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

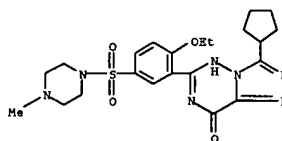


L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

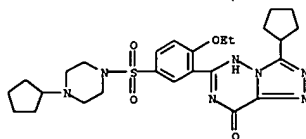
RN 346452-47-9 CAPLUS
CN Benzenesulfonamide, N-butyl-3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)



RN 346452-47-9 CAPLUS
CN Piperazine, 1-((3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl)sulfonyl)-4-methyl- (9CI) (CA INDEX NAME)



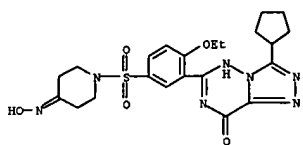
RN 346452-49-1 CAPLUS
CN Piperazine, 1-cyclopentyl-4-((3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl)sulfonyl)-4-methyl- (9CI) (CA INDEX NAME)



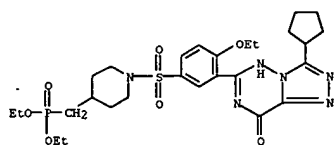
RN 346452-51-5 CAPLUS
CN 4-Piperidinone, 1-((3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl)sulfonyl)-4-oxime (9CI) (CA INDEX NAME)

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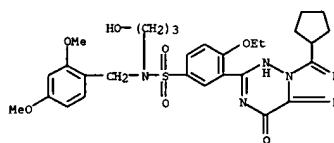
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-53-7 CAPLUS
 CN Phosphonic acid, [[1-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-piperidinyl]methyl]-, diethyl ester (9CI) (CA INDEX NAME)

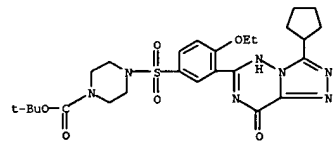


RN 346452-56-0 CAPLUS
 CN Benzenesulfonamide, 3-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2,4-dimethoxyphenyl)methyl]-4-ethoxy-N-(3-hydroxypropyl)- (9CI) (CA INDEX NAME)

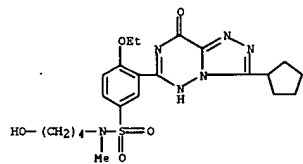


RN 346452-58-2 CAPLUS
 CN Benzenesulfonamide, 3-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N,N-diethyl]- (9CI) (CA INDEX NAME)

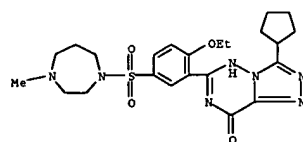
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-68-4 CAPLUS
 CN Benzenesulfonamide, 3-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-hydroxybutyl)-N-methyl]- (9CI) (CA INDEX NAME)

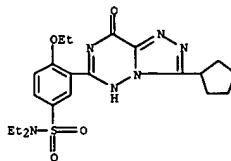


RN 346452-70-8 CAPLUS
 CN 1H-1,4-Diazepine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]hexahydro-4-methyl]- (9CI) (CA INDEX NAME)

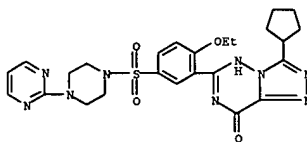


RN 346452-72-0 CAPLUS
 CN Morpholine, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

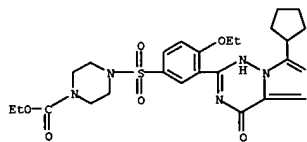
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-60-6 CAPLUS
 CN Piperazine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

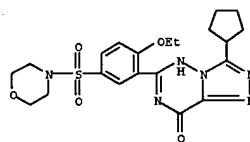


RN 346452-62-8 CAPLUS
 CN 1-Piperazinecarboxylic acid, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

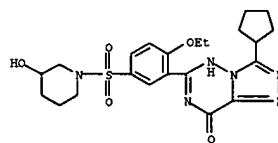


RN 346452-65-1 CAPLUS
 CN 1-Piperazinecarboxylic acid, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

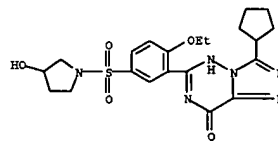
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-74-2 CAPLUS
 CN 3-Piperidinol, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 346452-76-4 CAPLUS
 CN 3-Pyrrolidinol, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 346452-78-6 CAPLUS
 CN Piperazine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-ethyl- (9CI) (CA INDEX NAME)

